



NATIONAL  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Weather for this past week was once again a mixed bag. Heavy precipitation was prevalent in the early part of the week followed by a beautiful day on Thursday. The good conditions gave way to more rain and cool temperatures heading into the weekend ending with fair weather on Sunday. Planting progress was stunted by rain and overall ground saturation. Many areas in the Commonwealth are dealing with flooding as this past week was the wettest of the year thus far. Temperatures averaged 57 degrees, 2 degrees above normal and 6 degrees below the previous week. Overall rainfall for the time period averaged 3.75 inches, 2.74 inches above normal. Regionally, the West had the lowest average at 3.08 inches while central Kentucky had the highest average at 4.42 inches. **Topsoil moisture** was rated 1 percent short, 39 percent adequate, and 60 percent surplus. **Subsoil moisture** was rated 3 percent short, 59 percent adequate, and 38 percent surplus. Days suitable for fieldwork averaged 2.1 out of a possible seven.

**TOBACCO:** As of April 17, 83 percent of the greenhouse and plant bed seedings had been completed compared with 89 percent last year and the five year average of 90. The tobacco seedings were 65 percent emerged, ahead of 59 percent for the previous year, but equal to the five year average. Condition of tobacco transplants was rated as 1 percent very poor, 2 percent poor, 26 percent fair, 54 percent good, and 17 percent excellent.

**CROPS AND PASTURE:** **Corn** planting made very little progress this week due to rain and

overall wet conditions. Even when there was a break in the rain and severe weather, the ground remained too moist to do much fieldwork. For the week ending April 17, planting was 13 percent complete compared to 31 percent last year and 22 percent for the five year average. Fall seeded **wheat** condition was rated as 1 percent very poor, 1 percent poor, 12 percent fair, 56 percent good and 30 percent excellent. **Pasture** condition was reported as mostly fair to good with 2 percent very poor, 7 percent poor, 35 percent fair, 44 percent good, and 12 percent excellent. Average height of Alfalfa was 11 inches.

CROP PROGRESS for week ending 04/17/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	83	75	89	90
Emerged	65	50	59	65
Corn Planted	13	5	31	22

SOIL MOISTURE for week ending 04/17/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	1	39	60
Subsoil	0	3	59	38

CROP CONDITIONS for week ending 04/17/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	1	12	56	30
Pasture	2	7	35	44	12
Tobacco Transplants	1	2	26	54	17

## **KENTUCKY WEATHER SUMMARY, APRIL 11 - 17, 2011:**

**Above Normal Temperature and Above Normal Rainfall:**

This past week the Commonwealth got soaked by two separate systems. The first system came in on Tuesday and lingered into late Wednesday morning. The second system moved thru on Friday and Saturday, which even produced some severe weather in the western part of the state. These two systems combined to give the wettest week thus far this year and caused widespread flooding. Temperatures over the week were near normal; however on the backside of each system conditions did get a bit cooler than normal. Some isolated locations dropped to the mid and even low 30s for lows, which produced some very patchy frost.

Temperatures for the period averaged 57 degrees across the state which was 2 degrees warmer than normal and 6 degrees cooler than the previous period. High temperatures averaged from 68 in the West to 69 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 48 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at Louisa and the extreme low was 31 degrees at Cynthiana.

Rainfall for the period totaled 3.75 inches statewide which was 2.74 inches above normal and 371% of normal. Rainfall totals by climate division, West 3.08 inches, Central 4.42 inches, Bluegrass 4.10 inches and East 3.42 inches, which was 1.94, 3.39, 3.18 and 2.47 inches above normal. By station, rainfall totals ranged from a low of 1.70 inches at Poplar Bluff to a high of 6.37 inches at Munfordville.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, APRIL 17, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	5.53	19.68	+7.01	70	51	84	36	57.1	+1
Berea	3.21	17.74	+5.28	74	53	81	32	54.9	+0
Bowling Green	3.93	17.64	+2.14	74	53	77	39	58.1	+2
Bristol	0.81	15.71	+3.47	62	51	75	28	55.9	+1
Buckhorn Lake	3.55	16.98	+3.38	62	51	81	31	53.9	-1
Cape Girardeau	2.59	13.68	-0.08	74	53	74	38	57.0	-1
Campbellsville	5.96	21.65	+6.43	74	53	76	35	55.4	-1
Covington	3.56	17.26	+5.62	60	49	73	34	54.9	+0
Cumberland Gap	3.40	20.32	+4.63	72	53	83	34	56.8	+2
Dix Dam	5.25	20.60	+7.49	74	53	77	35	54.7	+0
Evansville	2.39	15.09	+2.32	72	53	73	40	56.2	-2
Glasgow	4.09	19.51	+3.82	74	53	75	39	56.6	+1
Grayson	4.82	18.68	+7.46	72	53	80	31	55.6	+1
Hardinsburg	3.96	18.11	+3.70	86	53	74	38	56.5	+0
Henderson	3.13	15.59	+2.30	72	53	75	39	57.4	-1
Huntington	3.58	16.72	+5.57	60	49	76	28	54.9	+0
Jackson	3.35	18.47	+4.92	74	53	85	38	57.6	+3
Lexington	4.99	19.95	+7.28	60	49	76	35	54.7	+0
London	3.65	17.50	+3.78	62	51	83	34	56.0	+1
Louisville	4.11	17.90	+4.68	70	51	77	42	59.0	+3
Mayfield	3.35	17.82	+1.18	72	53	76	35	58.3	-0
Nashville	3.04	16.64	+1.90	74	53	76	28	55.8	-0
Nolin Lake	4.23	17.70	+3.11	70	51	74	37	55.9	-0
Paducah	2.67	17.95	+3.02	74	53	77	41	59.3	+1
Princeton	3.46	18.47	+2.58	72	47	76	38	57.9	-0
Quicksand	3.41	19.09	+5.54	72	53	86	35	56.6	+2
Somerset	3.82	19.17	+4.62	62	51	78	33	54.9	+0
Spindletop	4.99	19.91	+7.24	60	49	75	36	54.1	-1
Williamstown	4.52	16.92	+4.56	72	53	74	38	55.2	+1

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwax.ca.uky.edu/>